Composite Tracking Network (CTN)

Description

The CTN system is an adaptation of the U.S. Navy's Cooperative Engagement Capability (CEC) Cooperative Engagement Transmission Processing Set (CETPS) designed to meet the USMC's requirement. CTN will provide a sensor netting capability that will allow the Marine Corps to participate in a cooperative engagement environment. It will be able to receive, generate and distribute composite sensor data to C2 and weapons platforms. The system will be comprised of durable, scaleable, and modular components that meet the expeditionary operational requirements of the Marine Corps. The CTN system will be employed by the MACCS and provide information to the network that is derived from its organic sensors, as well as use information from other forces sensors, improving real-time situational awareness. Specific Marine Air Control Group (MACG) units that will operate and maintain the system include, but are not limited to, the Marine Air Control Squadron (MACS) and the Low Altitude Air Defense Battalion (LAAD Bn).

Operational Impact

CTN facilitates broader air coverage of the battle force against all airborne threats. It enables land-based systems to expand the common air situational picture and facilitate a broad-based, wide-area land and air defensive posture, supportive of a Joint tactical commander and EMW.

Program Status

IOC is planned for FY06 with FOC in FY07.

Procurement Profile:	***FY02***	***FY03***
Quantity:	0	0

Developer/Manufacturer Hardware - Raytheon E-Systems, St. Petersburg, FL
Software - John Hopkins University Applied Physics Laboratory, Laurel, MD
CEC Systems Integration:
Hardware - NSWC, Crane, IN